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RJ 84M
#1113

MILKHOUSE

COOPERATIVE FARM BUILDING

Plan No. 6033

(1 SHEET)

PLAN EXCHANGE

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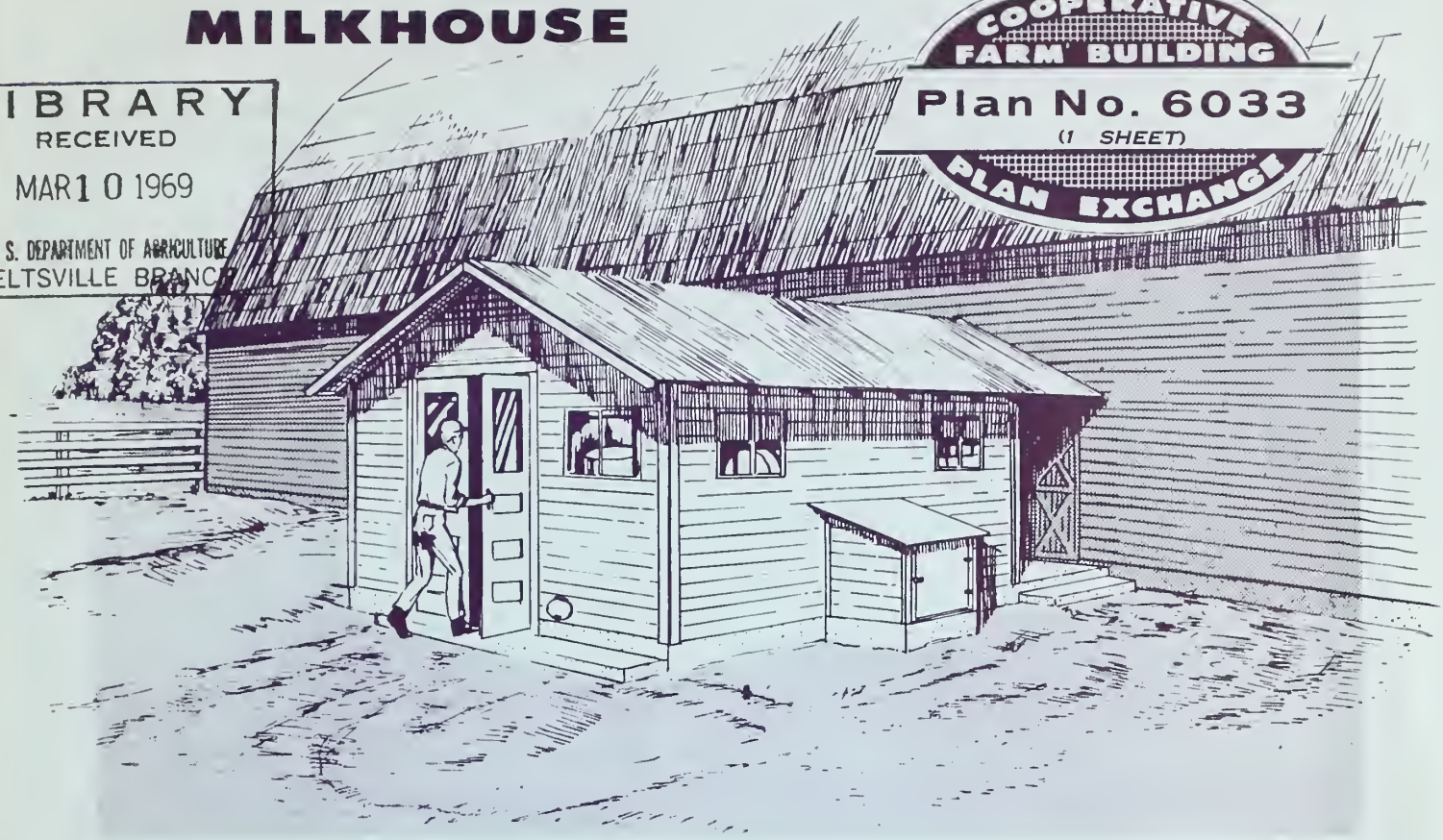


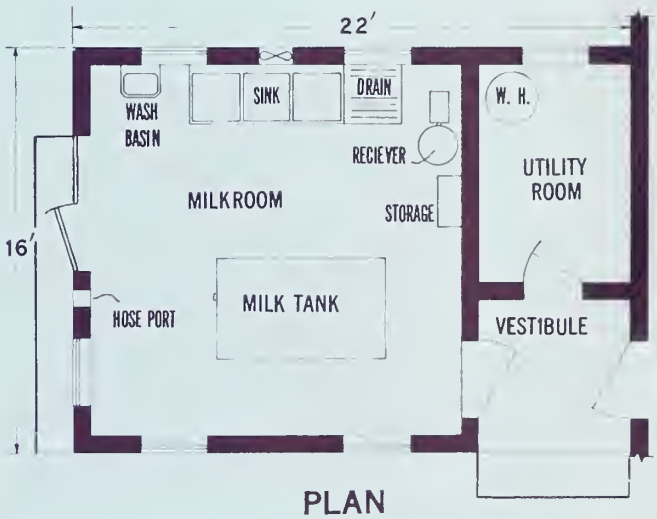
This plan is intended to aid in designing a milkhouse that meets the specific requirements of the area in which it is to be constructed. The final plans should be approved by the local sanitation or health authority before construction is started.

The building is designed so it can be attached either to a stall barn with a pipeline milking system, or to a milking parlor, with an open vestibule between.

The milkhouse size is controlled by the size of the equipment selected and by local space requirements. The plan shows a building with overall dimensions of 16 by 22 feet. These dimensions may be increased if necessary, but it is generally less expensive to increase the length than the width.

Double doors in one end of the milkhouse provide easy entrance or removal of the bulk milk tank.

The compressor may be installed in the utility room or in the small attached shed shown in the perspective drawing above. The compressor space can be vented to the milkroom to add supplemental heat in winter and vented to the outdoors in summer. If the attached compressor shed is used, it should be insulated.



PLAN

Washington, D.C.

Issued January 1969

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 1113

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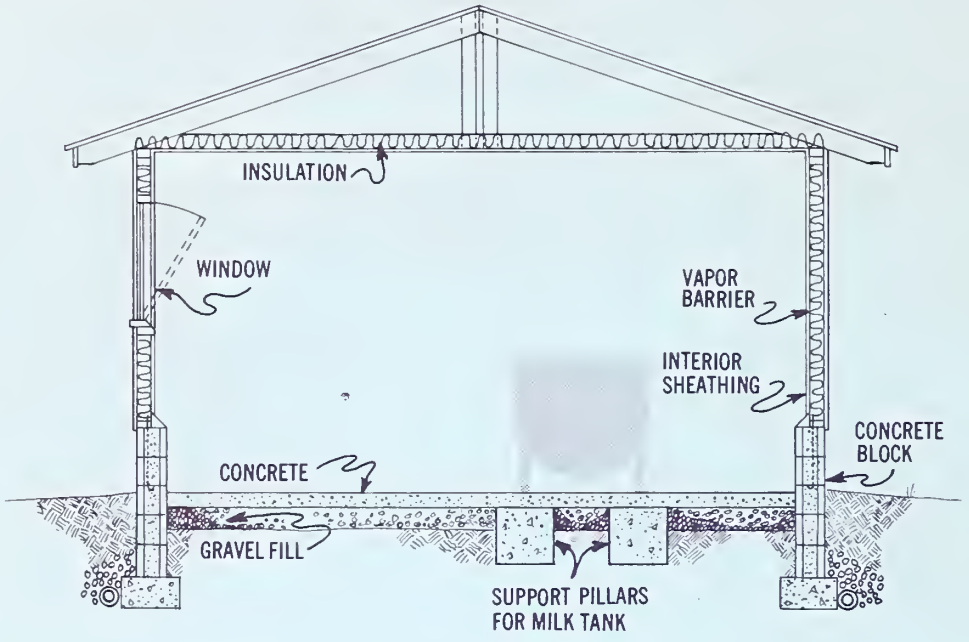
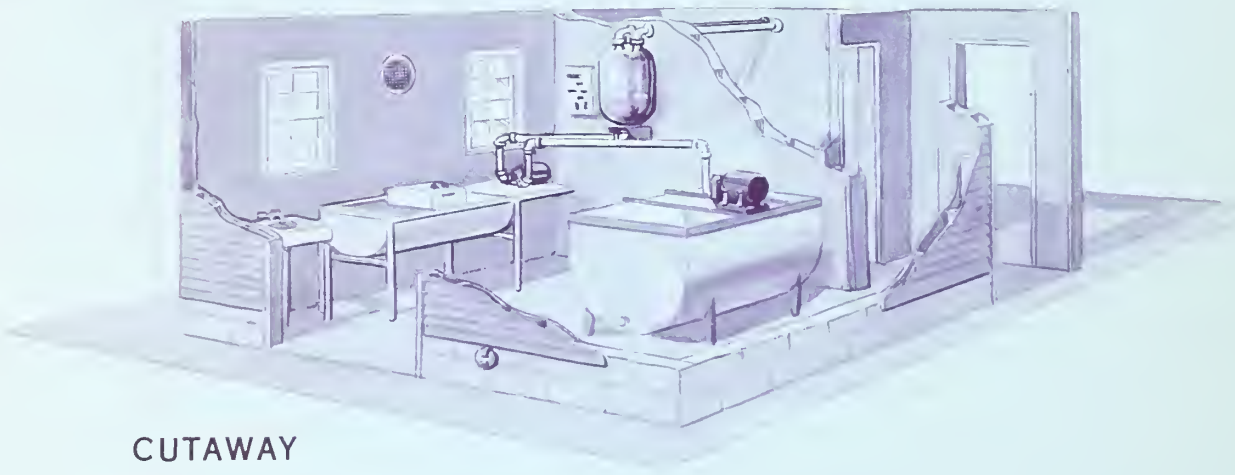
Conventional wood frame construction is shown. Spacing of the framing members should not exceed 24 inches on center. Full length ceiling joists should be used, and securely nailed or bolted to the rafters to serve as ties to prevent the spreading of the sidewalls under roofloads. Commercially fabricated roof trusses are widely available and may be substituted for the roof and ceiling framing indicated. Walls and ceiling should be insulated. Interior wall and ceiling sheathing of ⅜-inch medium density overlaid plywood, coated with an epoxy sealer, is suggested. All joints should be taped before the sealer is applied. Types of exterior siding and roofing are optional and may be selected to conform to the appearance of adjacent buildings.

The concrete masonry foundation extends 18 inches above the floor. Concrete floors, sloped to drains, are used throughout.



CROSS SECTION



CUTAWAY
INTERIOR VIEW

Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Federal Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6033, MILKHOUSE

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